



MOTOROLA SOLUTIONS

Julius Knapp
Chief, Office of Engineering and Technology
Federal Communications Commission
445 12th Street, SW
Washington, DC 20554

RE: Request for Experimental Special Temporary Authority
ELS File No. 0449-EX-ST-2014

Dear Mr. Knapp,

Motorola Solutions, Inc. seeks approval of its above-referenced application for Experimental Special Temporary Authority (STA) to conduct limited operations in the 768-769/798-799 MHz guard band spectrum at two locations in the New York City area during the period of June 20 through August 31, 2014, for the purpose of testing and evaluating the propagation characteristics and reliability of prototype devices and systems designed to support land mobile communications.

Motorola Solutions submits this cover letter as part of the above-referenced application to affirm its understanding of the primary status of the First Responder Network Authority ("FirstNet") as the licensee in the 758-769/788-799 MHz spectrum, to seek FirstNet's consent to the proposed operation, and to provide a commitment to conduct operations under this requested STA as described below:

- 1) Operation will be confined to the immediate vicinity of the locations listed in the STA request, at 165 Cadman Plaza East, Brooklyn, NY and 49 35th Street, Long Island City, NY. The equipment will include two temporary base stations with associated antennas and a small number of portable/mobile units all operating within 25 km of the base stations.
- 2) The demonstrations will be conducted in the 768-769/798-799 MHz guardbands.
- 3) Operation will occur during the period June 20 through August 31, 2014, allowing time during that period for setup, testing, and teardown.
- 4) Motorola Solutions has analyzed information from the FCC's license databases and determined that the proposed operation would not interfere or create a significant potential for interference with any public safety operations in the 700 MHz band.
- 5) The temporary experimental operation is not intended for the provision of regular public safety mission-critical communications or the delivery of live transmissions in duties to protect life, property or safety.



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- 6) Motorola Solutions recognizes that its experimental operations will be secondary and must not cause interference to any operations authorized on a primary basis in this spectrum licensed to FirstNet. Further, Motorola Solutions understands that any such primary operations have no obligation to mitigate any interference that might be present to the experimental operations.
- 7) Motorola Solutions acknowledges that although FirstNet has not yet deployed in the geographic area covered by the application, if FirstNet or its assignees or lessees plan to deploy in the area during the term of this STA, Motorola Solutions may need to reduce the coverage or power of its experimental transmissions or cease operations entirely to prevent interference to such deployment. Motorola Solutions will also obtain any necessary concurrence letters from FirstNet or its assignees or lessees.
- 8) Motorola Solutions will cooperate with other any other grantees of experimental STAs who are conducting tests in the same spectrum to minimize the potential for interference.
- 9) Motorola Solutions recognizes that a separate concurrence from FirstNet will be required for renewal or extension of this STA, if needed beyond August 31, 2014.
- 10) The undersigned person will serve as an overall point-of-contact for the proposed short-term testing.

Motorola Solutions appreciates your consideration of this matter and requests that both the FCC and FirstNet act as expeditiously as possible so the requested Experimental STA can be granted in a timely manner to support the proposed testing beginning June 20, 2014.

Regards,

A handwritten signature in black ink, appearing to read 'David W. Eierman'.

David W. Eierman
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cc: Lance Johnson, NTIA
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